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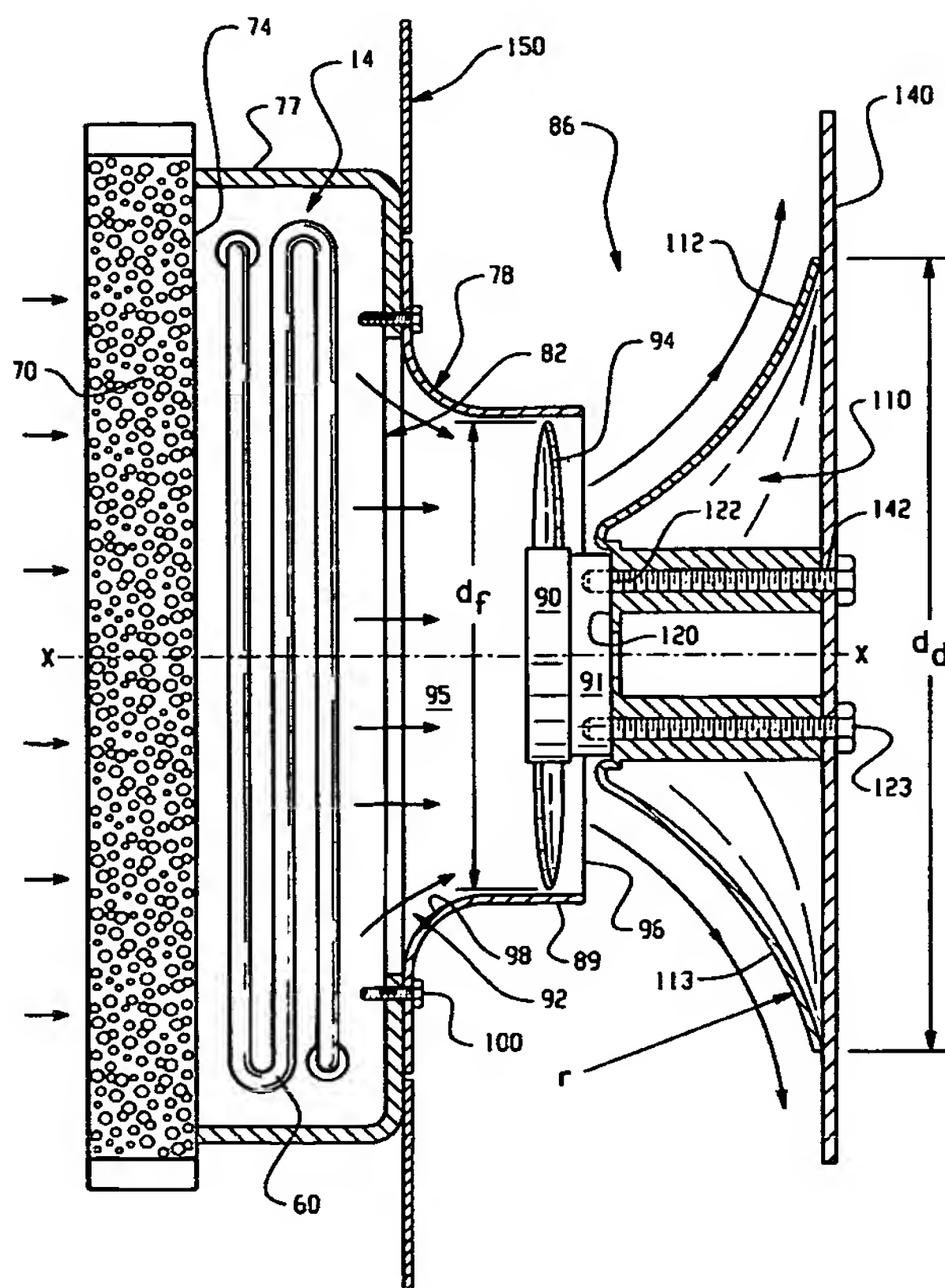
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(54) Title: AIR FLUX DIRECTOR SYSTEM FOR X-RAY TUBES



(57) Abstract: A cooling system (12) for an x-ray tube assembly (10) includes a heat exchanger (14, 16) which receives cooling fluid from a housing (40) of the x-ray tube assembly and transfers the heat to a flow of air. A fan (90), such as an axial fan, directs the flow of air through the heat exchanger. The fan is positioned within a duct (78). A contoured air flux director (110) is positioned to intercept the flow of air from the duct and to redirect the flow of air in a direction which is generally perpendicular to an axis of rotation of the fan.



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